



8-20-04

IFW

DOCKET NO.: MOR-0241/HD0002US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Luigi Grasso, et al.**

**Confirmation No.: 9935**

**Application No.: 10/624,631**

**Group Art Unit: 1645**

**Filing Date: July 21, 2003**

**Examiner: Not Yet Assigned**

**For: METHODS FOR GENERATING ENHANCED ANTIBODY-PRODUCING  
CELL LINES WITH IMPROVED GROWTH CHARACTERISTICS**

**EXPRESS MAIL LABEL NO: EL999288134US**

**DATE OF DEPOSIT: August 19, 2004**

**EL999288134US**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;  
or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith

- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. \_\_\_\_\_, filed \_\_\_\_\_.

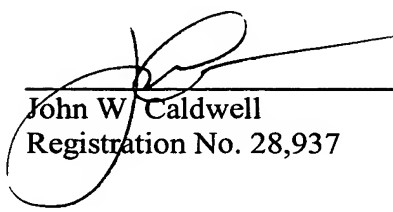
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Enclosed is a copy of the PCT International Search Report dated July 28, 2004 (number 103 on Form PTO-1449), which indicates the references considered to be relevant.

- ☐ The relevance of those listed references which are not in the English language is as follows:
- ☒ There are no listed references which are not in the English language.

Date:

*August 19 2004*

  
\_\_\_\_\_  
John W. Caldwell  
Registration No. 28,937

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. MOR-0241/ HD0002US	Application No. 10/624,631
		Applicant Luigi Grasso, et al.	
		Filing Date July 21, 2003	Group 1645
		Confirmation No. 9935	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	103	Copy of the PCT International Search Report dated July 28, 2004 (PCT/US03/22743)	
	104	Kim, N., et al., "The role of DNA repair in somatic hypermutation of immunoglobulin genes," <i>J. Exp. Med.</i> , <b>1998</b> , 187(11), 1729-1733	
	105	Ozaki, Y., et al., "Chronic hepatitis associated with persistent HHV-6 infection in a 3-year-old boy," <i>Gastroenterology</i> , <b>1996</b> , 110(4), AASLD Abstracts, page A1288	
	106	Scobie, G., et al., "Non-specific effects of anti-sense oligonucleotides on alph-1 antitrypsin expression in Cos cells transfected with alph-1 antitrypsin cDNA constructs," <i>Biochem. Soc. Trans.</i> , <b>1992</b> , 20(4), page 319S	
	107	Sifers, R.N., et al., "A frameshift mutation results in a truncated $\alpha_1$ -antitrypsin that is retained within the rough endoplasmic reticulum," <i>J. of Biological Chem.</i> , <b>1988</b> , 263(15), 7330-7335	
	108	Winter, D.B., et al., "Altered spectra of hypermutation in DNA repair-deficient mice," <i>Phil. Trans. R. Soc. Lond. B</i> , <b>2001</b> , 356, 5-11	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. MOR-0241/ HD0002US	Application No. 10/624,631
	Applicant Luigi Grasso, et al.	
	Filing Date July 21, 2003	Group 1645
	Confirmation No. 9935	

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	108	2002/0055106 A1	05/09/02	Nicolaides, et al.	435	6

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------